

MONUMENT RECORD

Corner ID: **BeBI_M05**

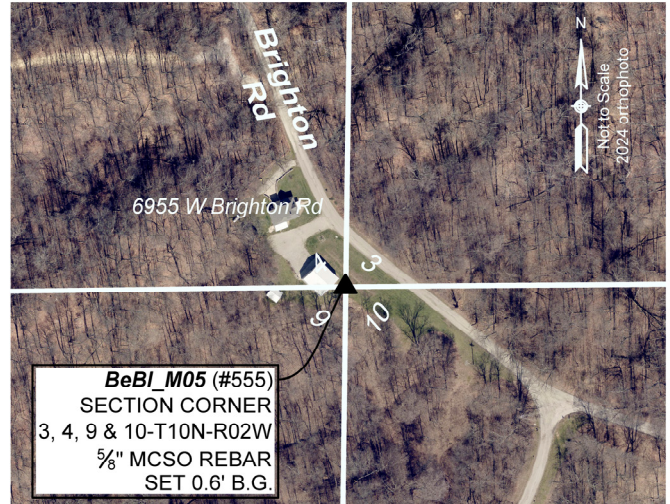
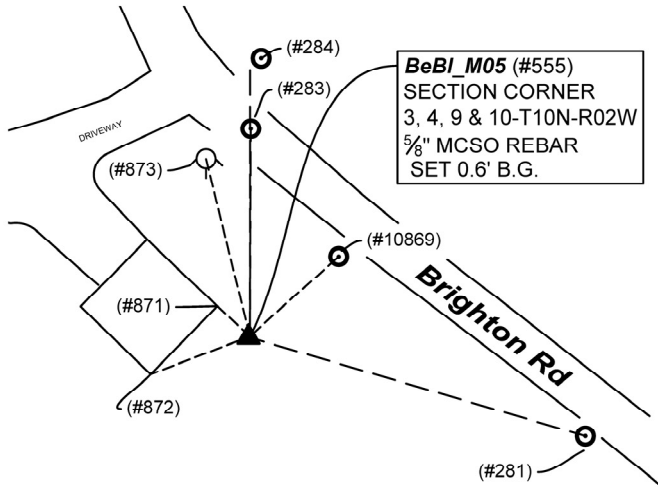
Section Corner

Sections 3, 4, 9 & 10- T10N-R02W, 2nd P.M.
Bean Blossom Township, Monroe County, Indiana

Section 04 T10N-R02W	Section 03 T10N-R02W
Section 09 T10N-R02W	Section 10 T10N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
(#555) 5/8" rebar (24" long) with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS #20100021, set with top 0.6' below ground, in a mowed area that was formerly a garden.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station.

ID	Bearing	Distance	Description
(#871)	N47° 28'W	18.7'	Northeast corner of pole barn
(#872)	S69° 12'W	44.8'	SouthEast corner of pole barn
(#873)	N13° 58'W	76.8'	Western most nut on bottom flange of Fire Hydrant

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#10869)	N47° 57' 50"E	50.29'	N:1485119.2950' E:3080900.8920' Rebar Lite
(#283)	N00° 13' 53"E	87.45'	N:1485173.0634' E:3080863.8902' Mag Spike found flush in center of road
(#284)	N00° 02' 19"E	112.06'	N:1485197.6773' E:3080863.6129' Deckard PLS capped rebar found
(#281)	S73° 32' 53"E	147.28'	N:1485043.9058' E:3081004.7896' Mag hub nail set



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PHOTO IDENTIFIED: Photo Date: 08/07/2024



Photo Orientation & Description: From above



Photo Orientation & Description: From East looking West

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: William Harris Deputy Surveyor

Where filed or recorded: Original notes, Page 254.

Original monument: Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	5"	N84°W	3 Links
W Oak	16"	S40°E	13 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

None Found

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
5/21/2009	RSID004212	Bennett, James C.	John E. & Karen S. Troth- Tract "F", Troth Type A Admin. Subd. Final Plat	2009015969.IN
9/28/2003	RSID004161	Gwinn, Jess A.	Powell Boundary Survey	
3/30/2008	RSID004117	Bennett, James C.	Type "A" Admin. Subd., John E. & Karen S. Troth, Tract "F".	
4/9/2008	RSID005498	Deckard, Eric Lee	Terry and Linda Johnson Boundary Survey	2008006719.IN
3/15/2010	RSID004124	Sheppard, Michael E.	162.64 +/- acre survey. Corner ID's BeanBI_S25 & BeanBI_U25, T11N-R02W, are included on plat.	2010003806.IN
10/19/2020	RSID004185	Deckard, Eric Lee	Swinney-Anderson Minor Subd. Final Plat	2020020042.IN



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ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 02/05/2024 & 08/07/2024 *By:* MES/JMG *Monument Found:* Set Rebar *BTs or Reference Objects Found:* No, but references established *Project #:* 24-001 *Field Book:* 55, Page 78 & 57, Page 4 *Notes:*

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The corner is on the Southeast side of a pole barn at 6955 West Brighton Road Ellettsville Indiana. There are no visible occupation lines in the immediate vicinity of the corner.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

Rebar was set. GPS coordinates were established on it. Visible references were made to the rebar. A rebar lite, a Mag Spike found in the road, a rebar found off the road and a mag hub nail set this survey were referenced to the set rebar. These monuments could be used to reestablish it, should it become obliterated.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The rebar was set online and proportionally between the nearest stones North and South of it, reduplicating the way Jess Gwinn reestablished it in a survey by him dated 09/28/2003, recorded in instrument #2003030618 in the Monroe County Recorder's Office, RSID004161 in the Monroe County Surveyors Office. In said survey, Mr. Gwinn's report states:

There are no perpetuation records for this corner. The position for this corner was calculated as a single proportional measurement between corners A and C as no monuments could be found on the section line within a mile to the east. The calculated corner position is inside the Wampler vegetable garden so no monument was set.

Mr. Gwinn's corner A on said survey is the stone at #274 (BeBI_M04) and his stone B, is the stone at #285 (BeBI_M07). The location reestablished per Mr. Gwinn's methodology was then accepted by at least 3 other surveyors consisting of James C Bennett, in a survey recorded in instrument #2009015969, in the Monroe County Recorder's Office, (RSID004212 in the Monroe County Surveyors Office), Eric Lee Deckard in a survey recorded in instrument #2020020042 in the Monroe County Recorder's Office, (RSID004185 in the Monroe County Surveyors Office), and myself (Michael E Sheppard) in a survey recorded in instrument #2010003806 in the Monroe County Recorder's Office (RSID004124 in the Monroe County Surveyors Office). Though this is not typically how I would reestablish a lost or obliterated Section corner, and I have pondered and questioned using the stone at said BeBI_M04 for proportionate measurement to reestablish the Section corner since it is not noted in its original establishment in legal survey book 2 pages 338 and 339 as having been set proportionally between the Section and quarter Section corner, but rather 80 poles (1320') South of BeBI_M03, I do see Mr. Gwinn's logic and with there being no other established Section corners to the East for 2 miles, (prior to my survey in said instrument #2010003806), my end conclusion is I have no better idea as to where the original location of this corner was. This location is in my opinion the most reliable evidence of the originally established location of the corner with an uncertainty of 3.5' north-south (since it is $\pm 1.6'$ North of the extension of a line from the Harrison monument set at the Southwest corner of Section 4 (#521 BeBI_I05) through the broken stone found at the South quarter corner of said Section 9, (#10475 BeBI_K05) and $\pm 3.3'$ North and 2.6 west of where proportionate measurement between the nearest quarter corners at BeBI_M03 and M07 would place it and 3' east-west, since it is $\pm 2.5'$ West of a straight line between the stones found at the East Quarter corner of Section 4 and the East Quarter corner of Section 9. It is noteworthy that the distances measured this survey between the stones at BeBI_M04 and BeBI_M07, differ from the measurements in Mr. Gwinn's survey by $\pm 1.6'$, which is likely primarily due to us finding the stones at said BeBI_M04 and BeBI_M07 being found leaning and us straightening them up before locating them.

GEODETIC COORDINATES: *Northing:* 1485085.6' *Easting:* 3080863.5'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.



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This document is not complete without the associated Corner Perpetuation plat and report of survey for Sections 4 or 9, Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.

CERTIFICATIONS:



Michael E. Sheppard



Trohn Enright-Randolph



Donna B. B. B.

Date: 01/21/2025

Michael E. Sheppard

State of Indiana

Professional Surveyor

No. 20100021

Date: 01/21/2025

Trohn Enright-Randolph

Monroe County Surveyor

Accepted by the Monroe County Surveyor

Review Board on 01/21/2025



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